The featured speaker for this TLR is Beyan Johnson of the U.S. Department of Transportation (US DOT). His presentation is entitled “US DOT Research Hub 2.0: Improving Research Access at US DOT’s Research Hub.” Beyan will talk about the role of the Research Hub for transportation research and the improvements in this regard that currently underway.
USDOT Research Hub 2.0

Beyan Johnson
OST-R RDT
USDOT Research Hub Program Manager

Beyan Johnson: I am a IT Specialist in OST-R Office Research Development and Technology (RDT). My Background is in computer engineering/computer science. One of my duties includes the management of the Research Hub Program. This includes the development, management, and maintenance of the Research Hub Application.
Summary

• Background
• Research Hub 1.0 v 2.0
  – Database
  – Indexing
  – Look and Feel
  – Search
  – Filters
• What we need
Background

• What is the Research Hub?
• Public Access
• Fast Act
• Why Research Hub 2.0?
• What happened to 1.0?
Research Hub 1.0 v 2.0
What’s New

Sleek new look and feel

User friendly

Multiple search options

Multiple ways to view data

Simple, easy to use research reports with links to additional research results and outcomes.

Extensive filtering options including by mode, program office, project status, location, funding amounts, outputs and the list goes on!

Visit the Research Hub at: researchhub.bts.gov/search
Database

• Research Hub 1.0
  – Oracle Database
    • Relational Database
• Research Hub 2.0
  – DocumentDB
    • Mixture of Relation & Non-Relational
Indexing

- Research Hub 1.0
  - SOLR
    - Installed on Server
- Research Hub 2.0
  - Azure Search
    - Cloud-Based Service
Research Hub 1.0 Home

A searchable database of the latest USDOT-sponsored research, development and technology projects.

To get started, click on a USDOT agency or enter a search term in the box and hit "Search". For more search options, go to Advanced Search.
Research Hub 1.0 Record
Research Hub 2.0 Record

![Research Hub 2.0 Record Image]
Research Hub 1.0 Filters
Research Hub 1.0 Filters
What we Need

• BETA runs through May 1, 2018
  – Testing & User Feedback
Thank You!

Questions/Comments:

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Research Hub Program Manager

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Research Hub 2.0 BETA: researchhub.bts.gov/search
Thank you for attending!
Join us March 8, 2018

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